

Colorado State Veterinary Diagnostic Laboratory
Available Immunohistochemical Tests
 Updated February 2009

Histology Lab: contact the Diagnsotic Lab main office at 297-1281

Ag	Species
BVD*	N/A (bovine)
CD3	canine, feline
CD18	canine, feline
CD79a	canine, feline
Chromogranin	canine, feline
Cytokeratin AE1/AE3 (PCK26)	canine, feline, equine
CWD (anti-prion 99)*	N/A (deer, elk, ovine)
Desmin	canine, equine
Factor VIII-rag (von Wilebrands factor)	canine
GFAP	canine, bovine, deer
Lysozyme	canine
Melan A (MART-1)	canine
Neospora*	N/A (canine)
Scrapie (anti-prion 99)*	deer, elk, sheep
Synaptophysin	canine
Vimentin	canine, feline, equine

Ehrhart Lab: contact Brad Charles at 297-4087

Active caspase-3	canine
Bcl-2	canine, feline
CD31 (PECAM)	canine
C-Kit	canine
Coxiella burnettii*	N/A (caprine, ovine)
EGF	canine
EGFR	canine
Ezrin	canine
Factor VIII-rag (von Wilebrands factor)	murine
Ki-67	canine, murine
Leptospira spp (specific for 7 serovars)	N/A (canine)
MAPK (ERK1/2)	canine
Pax5 (BSAP)	canine
PCNA	canine, murine
Survivin	canine
VEGF	canine

Species listed indicate those for which the antibody and protocol has been tested on and validated in

* = infectious agent (species specificity is not applicable (NA) for infectious agents however the species in which these protocol have been run and determined valid are still listed)

If interested in pursing IHC for markers not listed please contact Brad Charles (297-4087) in the Ehrhart Lab or Todd Bass and Bruce Cummings (291-4310) in the Histology Lab